

ABSTRACT OF The DISCLOSURE

An electric syringe according to the invention injects a dental anesthetic by pressing a rubber plug of a cartridge filled with an anesthetic. The electric 5 syringe includes: a push member configured to press and move the rubber plug of the cartridge; a drive motor configured to generate a drive force; a transmission mechanism part configured to transmit the drive force to the push member; and a control unit configured to control 10 a moving of the push member by controlling the drive motor, wherein the control unit controls the drive motor to move the push member to gradually increase an injection speed of the anesthetic in the beginning of the injection and to move the push member to inject the anesthetic in a 15 constant injection speed after a predetermined time has elapsed.